Resource Renew Request for Proposals
GE CIMPLICITY Software Upgrade
RFP # 1519
Addendum 1

October 30, 2026

Western Lake Superior Sanitary District
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REQUEST FOR PROPOSALS
GE CIMPLICITY Software Upgrade
Resource Renew RFP# 1519
Addendum 1

Purpose: This addendum is to answer questions that have been asked about RFP 1519.

Please Note:
Multiple answers reference "ResourceRenewServerNetworkDiagram", and "ResourceRenewRVToolsExportREDACTED".
"ResourceRenewServerNetworkDiagram" is attached to this Addendum, "ResourceRenewRVToolsExportREDACTED" will be posted separately, beneath this posting, as "RFP 1519 (2026) GE CIMPLICITY Software Upgrade Addendum 1 Reference". This will be a download link for the spreadsheet. If you are unable to access it this way, then please email bryce.radig@resourcerenew.com.

1. Can Resource Renew provide the latest server inventory, network diagrams, VMware configuration, application backups, software version records, and existing design documents?
    a. Answer: Section 7.0, Attachment B of RFP 1519 provides the existing virtual server architecture. Additional information provided with this addendum includes the virtual and physical server inventory in "ResourceRenewRVToolsExportREDACTED" and the high-level network and server connectivity diagram in "ResourceRenewServerNetworkDiagram." Additional controlled configuration records, application backups, software-version records, and available design documents will be provided to the selected Respondent after award through a Resource Renew-approved secure method, as applicable.
2. For purposes of developing the not-to-exceed price, should respondents base their proposals on the quantities and existing conditions identified in the RFP, with material differences identified during discovery addressed through the change-control process?
    a. Answer: Respondents shall base their proposals on the quantities, conditions, and requirements identified in RFP 1519 and all issued addenda. The quantities are approximate and shall be verified during discovery. A material difference that changes the approved scope, cost, or schedule will be evaluated through the written change-control and change-order process described in Answer 29. Discovery findings do not automatically authorize additional work or cost.
3. Does the scope include physical server replacement, VM creation, operating system installation, patching, storage provisioning, and decommissioning, or only migration planning and configuration?

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   a. Answer: The Respondent's scope includes planning, design, application installation and configuration, migration of the components identified in RFP 1519, testing, and documentation. Resource Renew will create the required virtual machines, install and patch the operating systems, provision approved storage and network connectivity, provide required access, and integrate the systems into Resource Renew's approved backup architecture based on requirements provided by the Respondent. Physical server replacement is not included. Resource Renew will perform final server and system decommissioning as described in Answer 9.

4. Where will the parallel environment be hosted, and who provides the compute, storage, network capacity, operating system licenses, and temporary application licenses?
   a. Answer: Initial offline build and testing shall occur in an isolated, Respondent-hosted environment that is not connected to live field control. The Respondent shall provide the compute, storage, network capacity, and operating-system licensing required for that environment unless an alternative is explicitly identified in the proposal. Based on Resource Renew's current support agreement, test-bed CIMPLICITY licensing is expected to be available as described in Answer 5, subject to confirmation by the Respondent. After offline testing and Resource Renew approval, the approved configuration will be transferred to Resource Renew-provided virtual infrastructure for parallel field testing and the testing required by Section 3.4.8.
5. Are all required licenses transferable, or must new licenses, subscriptions, support agreements, or temporary parallel-use licenses be purchased?
   a. Answer: Based on Resource Renew's current GE Vernova support agreement, Resource Renew expects its existing entitlements to support the CIMPLICITY 2026 upgrade and the required test-bed environment without additional upgrade-license charges. Resource Renew renews this support agreement annually and intends to keep it active throughout the project. The Respondent remains responsible for confirming license transferability, supported versions, temporary parallel-use rights, required subscriptions, and any additional licenses with GE Vernova. All licensing assumptions, exceptions, and additional costs shall be identified in the proposal.
6. Are there any known limitations in the existing VMware licensing, host capacity, storage, network connectivity, or redundancy infrastructure that respondents should account for when developing their proposal?
   a. Answer: Resource Renew is not aware of existing VMware licensing, host-capacity, storage, network-connectivity, or redundancy limitations that would prevent the proposed project. The Respondent shall validate these conditions during discovery. A finding that materially changes the approved scope, cost, or schedule will be evaluated through the written change-order process described in Answer 29. Discovery findings do not automatically authorize additional work or cost.

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7. Which manufacturer or authorized integrator will formally validate compatibility and the supported migration sequence, and should respondents include that validation assistance in their scope of services?
    a. Answer: Resource Renew has not pre-selected a manufacturer representative or authorized integrator to perform this validation. The Respondent shall identify and include in its proposal any GE Vernova or authorized integrator used to validate compatibility, the supported migration sequence, and the final solution. The Respondent shall provide the written support confirmation required by RFP 1519.
8. Who will obtain written confirmation of manufacturer support for the proposed version combinations, and what evidence will satisfy the acceptance requirement?
    a. Answer: The Respondent is responsible for obtaining and submitting written confirmation that the proposed design and version combinations are supported. The compatibility matrix shall meet Section 3.4.2, Item 3 and identify the supported versions and combinations for GE Vernova products and applicable third-party software. Evidence may include current manufacturer documentation and written confirmation from GE Vernova or an authorized integrator. Any item that cannot be officially verified shall be identified as an exception with its associated risk, proposed mitigation, and recommended resolution.
9. Is decommissioning included, or does the Engineer only need to prepare the legacy environment for archival and later retirement?
    a. Answer: Decommissioning is not included in the Respondent's scope. Resource Renew will perform decommissioning under its established server and system decommissioning process, including data cleanup and final backups. The Respondent shall maintain the existing production environment in a recoverable condition until final acceptance, confirm that all in-scope components have been migrated or archived, provide the required backups and documentation, and prepare the CIMPLICITY 11.1 environment for Resource Renew's decommissioning process.
10. What level of regression testing is expected for the approximately 23,375 points, 17,139 alarms, 139 devices, and 630 screens? Is individual functional verification of all items required, or may respondents propose a risk-based methodology using automated reconciliation and representative functional testing?
    a. Answer: Resource Renew does not expect Respondents to manually open, compare, or functionally activate every point and alarm. Respondents may propose a risk-based regression-testing methodology using automated configuration reconciliation, exception reporting, and representative functional testing, subject to Resource Renew approval. The automated reconciliation should evaluate the complete population of migrated points, alarms, devices, screens, scripts, logging configurations, and interfaces to identify missing, added, or materially changed components. Manual review should focus on identifying discrepancies and components that cannot be reliably compared through automation. Functional testing should include all critical controls, high-priority alarms, custom or manually remediated components, scripts, critical interfaces, and other items for which failure could materially affect plant operations.

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Representative testing may be used for lower-risk or repetitive components. The Respondent shall describe the proposed export, comparison, sampling, exception-review, defect-expansion, and evidence-retention methods in the master test plan.

11. Is historical data migration into the new database required, or will approved archival with retrieval capability satisfy the requirement?
    a. Answer: Resource Renew's active retention requirements within this project are 30 days for CIMPLICITY alarm data, 45 days for CIMPLICITY point and trend data, and 90 days for ZCIMP2EOPS data. At cutover, records that remain within these retention periods shall be available in CIMPLICITY 2026. Historical records outside these retention periods do not need to be migrated unless otherwise identified during design. The parallel-testing schedule will determine the amount of overlapping data that must be transferred or retained.
12. Are all 157 linked documents available, and must their links, file paths, permissions, and content be preserved after migration?
    a. Answer: All 157 linked documents are available. The Respondent shall preserve and validate their accessibility, content, links, file paths, and required permissions after migration. Any link or path that cannot be preserved because of the approved architecture shall be remediated, documented, and submitted to Resource Renew for approval.
13. Are there known custom scripts, unsupported functions, undocumented interfaces, or legacy components that may require redevelopment?
    a. Answer: Known custom or legacy components include 5 CIMPLICITY scripts, the ZCIMP2EOPS custom data logger, and custom Microsoft SQL Server backup and cleanup jobs. The database jobs use T-SQL and SQL Server Agent to perform nightly backup and data-cleanup activities. Long-term process history is retained in the separate eOps historian environment. Resource Renew is not currently aware of other unsupported functions or undocumented interfaces. The Respondent shall inventory and validate all scripts, custom processes, interfaces, and legacy components during discovery and identify any required remediation or redevelopment.
14. Are there defined maintenance windows, blackout periods, seasonal restrictions, or operating events during which changes are prohibited?
    a. Answer: There are no predefined maintenance windows, blackout periods, seasonal restrictions, or other scheduled periods during which changes are prohibited. However, changes may be postponed when the plant is experiencing, or is expected to experience, unusual operating conditions. These conditions may include, but are not limited to, large storms and industrial upsets. Such conditions may occur at any time but are more likely during the spring months. The Respondent shall coordinate proposed changes with Resource Renew and obtain approval before proceeding.
15. If uninterrupted monitoring and control cannot be maintained during specific migration or cutover activities due to existing system or network constraints, will Resource Renew permit a planned, controlled interruption when supported by an

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approved outage plan, operational safeguards, rollback provisions, and advance coordination?

a. Answer: Resource Renew may permit a planned, controlled interruption when uninterrupted monitoring or control cannot be maintained during specific migration or cutover activities. The interruption must be coordinated in advance and approved by Resource Renew before work begins. The Respondent shall develop an outage plan that identifies the affected systems and functions, anticipated operational impact, potential risks, operational safeguards, communication and notification requirements, responsible contacts, proposed start time, estimated duration, expected completion time, restoration requirements, the latest safe rollback decision point, and the estimated time and procedures required for rollback or failback. Depending on the anticipated impact and duration, Resource Renew may require additional actions to support safe and effective plant operation during the interruption. No interruption shall proceed until the outage plan and required operational measures have been approved.

16. Who provides PLC access, coordinates field testing, and authorizes changes involving dual-IP configurations or parallel communications?
    a. Answer: The Resource Renew project team will coordinate PLC access and field testing. The Electrical Department will provide PLC access, coordinate process-equipment testing, and approve PLC programming or dual-IP configuration changes. The MIS Department will assign and approve IP addressing and related network changes. The Respondent shall propose and document the required configuration and test procedures. No dual-IP configuration or parallel production communication may be implemented without approval from both the Electrical and MIS departments.
17. Must primary/secondary failover and failback be demonstrated under full operational load, and what are the required failover and client-reconnection times?
    a. Answer: Failover and failback shall be demonstrated under representative operating load rather than a requirement to reproduce the full maximum plant load. RFP 1519 does not establish fixed failover or client-reconnection times. The Respondent shall document the expected failure-detection, failover, client-reconnection, and data-recovery time for each applicable failure scenario and verify the proposed results during acceptance testing. Failover shall not result in unreconciled alarm or point-data loss.
18. Is a complete backup and restoration test required for every server and database, or is verified backup completion sufficient?
    a. Answer: A complete virtual-machine restoration of every server is not required. At minimum, testing shall include verification of successful Veeam backup completion and coverage, verification of the custom Microsoft SQL Server backup and cleanup jobs described in Answer 13, and Resource Renew's restoration of 3-5 representative files from the backups of each CIMPLICITY host and database server. Resource Renew

will also restore a representative CIMPLICITY project or configuration backup and a Microsoft SQL Server database backup in an isolated or nonproduction environment. The Respondent shall provide the application-specific requirements, support the restoration testing, validate the restored CIMPLICITY and database components, and document the results. Backup and restoration coverage shall include the applicable Proficy Authentication configuration, certificates, licensing data, and security mappings required by Section 3.5.1, Item 14. Resource Renew will execute all backup and restoration operations using its approved procedures.

19. What is the required rollback recovery point and maximum restoration time for each critical application and service?
    a. Answer: Resource Renew has not established fixed rollback recovery points or maximum restoration times for each critical application and service. For planned migration or cutover activities, the Respondent shall identify the latest safe rollback decision point, rollback or failback procedures, system dependencies, and estimated time required to restore monitoring and control within the outage plan required by Answer 15. Resource Renew will evaluate and approve these requirements based on the anticipated operational conditions and impact of the proposed activity. This answer does not establish backup or disaster-recovery recovery point and recovery time objectives. Resource Renew will perform restoration activities using its approved procedures, with the Respondent providing application-specific support and validation as described in Answers 18 and 20.
20. Are formal business-continuity, disaster-recovery, and emergency operating procedures already available for review?
    a. Answer: Resource Renew does not currently have approved formal business-continuity, disaster-recovery, or emergency-operating procedures available for review. Current backups use HPE SimpliVity at the ESXi and virtual-machine layer and Veeam Backup & Replication for more granular file and database recovery. The appropriate restoration path depends on the failure scenario and will be determined and approved by Resource Renew. The Respondent shall document the project-specific backup, restoration, rollback, authentication-outage, emergency-access, and recovery procedures required by RFP 1519 and demonstrate the applicable test results described in Answer 18.
21. Can Resource Renew provide current OT network diagrams, IP addressing plans, VLAN configurations, firewall rules, and routing information through an approved secure channel?
    a. Answer: Current OT network diagrams, IP-addressing plans, VLAN configurations, firewall rules, and routing information will be provided to the selected Respondent after award through a Resource Renew-approved secure channel. The current OT environment primarily uses a flat VLAN and has not yet been segmented according to the Purdue Model or applicable NIST SP 800-82 guidance. The Respondent shall treat this

information as controlled security information and use it to develop the proposed target segmentation and communication design.

22. Does the Engineer only design and recommend firewall rules and security controls, or must they implement them on production firewalls, switches, and endpoints?
    a. Answer: Resource Renew will implement approved production firewall, switch, endpoint, VLAN, ACL, and routing changes. The Respondent shall design and recommend the required security controls and provide a least-privilege communication matrix identifying each source, destination, protocol, port, service, direction, purpose, security zone, and applicable redundancy or failover dependency. The Respondent shall support validation of the implemented configuration.
23. Who approves and implements VLAN changes, ACLs, firewall rules, routing changes, remote access, and network segmentation?
    a. Answer: Resource Renew will approve and implement VLAN changes, ACLs, firewall rules, routing changes, remote-access controls, and network segmentation. The Respondent shall identify and document the required changes, dependencies, validation steps, and rollback requirements and shall coordinate testing with Resource Renew. No production network change may proceed without Resource Renew approval.
24. Is Resource Renew's Windows Server 2016 Active Directory functional level fixed, and are domain controllers, DNS, time services, and LDAPS already configured and supported for the proposed solution?
    a. Answer: Resource Renew's Active Directory domain and forest functional levels will remain at Windows Server 2016 for this project. Domain-controller replacement and functional-level upgrades are outside the project scope. LDAPS is not currently configured on the OT-side domain controller; Resource Renew will configure it if required by the approved, vendor-supported design. The Respondent shall identify all required LDAPS, certificate, DNS, and time-service dependencies and validate their compatibility with the proposed solution.
25. What are the required behaviors during AD, LDAPS, authentication-server, or network outages? Must existing sessions or local break-glass accounts remain usable?
    a. Answer: During loss of Active Directory, LDAPS, Proficy Authentication, or the network path required for centralized authentication, safe local HMI monitoring and control functions shall remain accessible. Existing authenticated sessions shall behave according to the documented and vendor-supported session or token duration. Resource Renew-approved emergency-access accounts shall remain available and shall be tested for local access when centralized authentication is unavailable. During a broader network outage, remote OT devices may be unreachable from the central HMI but are designed to continue local operation until connectivity is restored. Modification or testing of local OT-device operation during a network outage is outside this project's scope. The Respondent shall document and test the applicable outage, fallback, and recovery behavior.

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26. Who defines and approves the role-to-group mapping, least-privilege permissions, and exceptions to centralized authentication?
    a. Answer: The Resource Renew project team, including MIS and Process Management representatives, will define and approve the role-to-group mappings, least-privilege permissions, and any exceptions to centralized authentication. The Respondent shall review the existing roles, recommend appropriate mappings, document the approved configuration in the required mapping matrix, and implement only Resource Renew-approved roles and authorizations.
27. What reconciliation tolerances are acceptable for point counts, alarm counts, device counts, timestamps, historical records, and data gaps?
    a. Answer: The programmed alarm, point, and device inventories in CIMPLICITY 11.1 and CIMPLICITY 2026 shall match, except for changes reviewed and approved by Resource Renew. During parallel testing, the aggregate difference in observed triggered-alarm counts and logged-data record counts shall not exceed 0.05% over the agreed comparison period. Corresponding timestamps shall differ by no more than 5 seconds. These tolerances accommodate brief differences caused by network latency, scan timing, and transient conditions that may clear before both systems detect them. They do not permit unaccounted configuration differences, systematic data gaps, or repeated failures to detect the same alarm or logged value. The Respondent shall document each discrepancy, including the affected item, timestamp, probable cause, operational impact, and recommended disposition, for Resource Renew review. Critical alarm or control discrepancies shall be investigated and resolved regardless of whether the aggregate results remain within the stated tolerances.
28. How should the two-week rescheduling requirement be applied when delays result from client dependencies, unavailable resources, manufacturer support, or procurement lead times?
    a. Answer: The 2-week rescheduling requirement is an advance-planning and coordination requirement and does not require every delayed activity to be postponed for 2 weeks. Minor schedule adjustments may be made by mutual agreement between Resource Renew and the Respondent and will typically involve a delay of 1-2 days. Before scheduling cutover activities, Resource Renew and the Respondent shall establish a primary date, a fallback date, and the decision point for using the fallback date. The fallback date may be used when the primary date cannot proceed because of plant conditions, client dependencies, unavailable resources, manufacturer support, procurement lead times, or other project constraints. If neither date can be used, the parties shall identify the next available date and document any resulting schedule impact. Delays that materially affect the approved project schedule, scope, or cost shall be addressed through the change-control process described in Answer 29.
29. What is the formal change-control and escalation process when a technical finding changes scope, cost, or schedule?

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a. Answer: Resource Renew does not require the use of a specific change-order form. The Respondent's standard change-order document is acceptable if it identifies the technical finding, proposed scope change, cost, schedule effect, funding considerations, and required approvals. Both parties must acknowledge and sign the change order. Change orders are subject to applicable funding-source requirements and the approval thresholds established in Resource Renew's Purchasing Agreement. The applicable provisions, including cost thresholds, contingency requirements, and approval authorities, will be provided to the selected Respondent after award. No changed work should proceed until the required authorization has been obtained.

30. Are there specific reporting templates, cost-reporting requirements, invoicing rules, and project-control tools that must be used?
    a. Answer: Resource Renew does not require the use of specific reporting templates, cost-reporting formats, or project-control tools. The Respondent may use its standard tools and formats, provided that all required project reports, schedules, cost information, and documentation satisfy the requirements of RFP 1519 and are provided in a format accessible to Resource Renew. Invoices shall be submitted to apinvoices@resourcerenew.com at least monthly during each month in which the Respondent performs project work. An invoice is not required for a month in which no project work is performed. All invoices remain subject to the requirements of the executed agreement.

Attachment 1: ResourceRenewServerNetworkDiagram

